

IN THE SPECIFICATION:

On page 7, line 23, please insert the following paragraph.

A1

Fig. 12 illustrates a device with an external keyboard according to one embodiment of the present invention.

Please replace the paragraph on page 14, lines 3-17, with the following paragraph.

A2

In another embodiment of the invention, an external keyboard 27 of Fig. 9 is featured which is used to enter text characters as required. The keyboard interface 28 can be wired or wireless. When the user wishes to enter text remotely in the virtual browser 6 (e.g., as illustrated in Fig. 11), the specific location for text entry is selected by pressing on the touch panel 19 directly over the text entry location, and a text window 29 appears in a portion of the display screen ready for text input. The text window is equipped with conventional scroll bars 30 which enable the user to have a wider viewing access, since the entire image sent from the virtual browser is decompressed and stored in the PDA 18. The keyboard connected to the PDA is then used to input text, and when the enter key is pressed, the message gets sent as a string of text characters and the text window 29 disappears. The text message is entered in the virtual browser at the specific location selected. A refreshed portion of the virtual browser is sent back to the PDA as an image, which displays the specific portion of the virtual browser that text was entered into, to verify that text was inputted at the correct location.

Please replace the paragraph on page 14, lines 18-29, with the following paragraph.

13  
In a further embodiment of the invention, an external keyboard 27 of Fig. 12 is also featured which is used to enter text characters as required. The keyboard interface 28 can be wired or wireless. When the user wishes to enter text remotely in the virtual browser 6 (e.g., as illustrated in Fig. 11), the specific location for text entry is selected by pressing on the touch panel 19 of the PDA 18 directly over the text entry location. For each text character that is directly inputted through the keyboard, a message is sent to the virtual browser 6 (e.g., as illustrated in Fig. 11) that tells it which character is typed, and that specific text character is entered in the virtual browser in the portion of the image selected for text input. A refreshed portion of the virtual browser is sent back to the PDA 18 as an image, which displays (e.g., in area 26) the specific portion of the virtual browser that text was entered into, to verify that text was inputted at the correct location.

Please replace the paragraph on page 8, line 29 – page 9, line 29 with the following paragraph.

14  
The principal embodiment of the present invention is disclosed in Figure 1. A host computer 1 is depicted which is connected to the Internet, and that host may also be a Web server. Running in the host computer, is a Web server program 2. When a remote user 3 requests to view a Web page (or electronic message etc.) the Web server software receives HTML, JAVA, or other types of information and transmits this information to another software, the Browser Translator 4. This software translates the information, (i.e. the entire image comprising graphics and text) received in the form of HTML, Java, etc. (as

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information may be gathered from different sources) and translates it to a black and white bit map or raster image. In another embodiment, the software translates the information into a raster or color image. The image 5, as shown in **Figure 2**, contains the information that would normally be displayed on a single Web page. The translation program therefore, also acts as a virtual browser 6. As can be seen in **Figure 2**, the image 5 to be displayed in a browser window 6 is usually larger than the displayable area of the browser window 6. The cellular telephone 12 of **Fig. 1** is connected to the high speed internet access device 18 of the invention commonly referred to as a PDA (Personal Digital Assistant) which is comprised of a display screen 19, battery and related micro-electronics. This enables the PDA to receive, decompress and view the bit map image sent from the virtual browser 6, and more importantly, through cellular phone connectivity to be able to input data from the PDA directly onto the server. In particular, the host computer or server receives vector information or compressed data in the form of HTML, JPEG, etc., which is displayed on a web page. The virtual browser virtually displays a virtual image on the server. That image, in whole or parts, is recompressed and sent to the PDA. The recompressed data format sent to the PDA, is not necessarily in the same format as the compressed data format first received by the server 1, as illustrated in **Fig. 4**. For example, the incoming data from a Web page may be in the form of JPEG which is decompressed and displayed on the virtual browser. This data is recompressed and sent to the PDA but can be in the form of TIFF G4 or other formats, and not necessarily JPEG as initially received.

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